

(FILE 'HOME' ENTERED AT 13:06:13 ON 07 NOV 2001)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,
USPATFULL, JAPIO' ENTERED AT 13:06:56 ON 07 NOV 2001

L1 227800 S ALKALINE PHOSPHATASE
L2 7091 S L1 AND (BINDING SITES)
L3 442 S L2 AND (GRAM NEGATIVE BACTERIA)
L4 20 S L3 AND ENDOTOXEMIA
L5 47 S L3 AND SEPSIS

=>

L4 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:442019 CAPLUS
DOCUMENT NUMBER: 133:55309
TITLE: Diagnosis and therapy of sepsis using the LPS-binding moiety of **alkaline phosphatase** and a method of purification of **alkaline phosphatase** using LPS
INVENTOR(S): Poelstra, Klaas; Meijer, Dirk Klaas Fokke; Man In 't Veld, Arie Jacob
PATENT ASSIGNEE(S): Stichting Voor De Technische Wetenschappen, Neth.; Rijksuniversiteit Groningen
SOURCE: PCT Int. Appl., 21 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037943	A1	20000629	WO 1998-NL722	19981221
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9917869	A1	20000712	AU 1999-17869	19981221
EP 1141717	A1	20011010	EP 1998-962694	19981221
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

PRIORITY APPLN. INFO.: WO 1998-NL722 A 19981221
REFERENCE COUNT: 3
REFERENCE(S): (1) Anon; 1997 CAPLUS
(2) Poelstra, K; LABORATORY INVESTIGATION 1997, V76(3), P319 CAPLUS
(3) Rijksuniversiteit Te Groningen; WO 9505455 A 1995, 23, CAPLUS

L4 ANSWER 2 OF 20 USPATFULL

ACCESSION NUMBER: 2000:105419 USPATFULL
TITLE: Composition comprising an antibody to macrophage-derived inflammatory mediator (MIP-2)
INVENTOR(S): Wolpe, Stephen D., Arlington, MA, United States
Cerami, Anthony, Shelter Island, NY, United States
Sherry, Barbara, New York, NY, United States
Tekamp-Olson, Patricia A., San Anselmo, CA, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6103234		20000815
APPLICATION INFO.:	US 1995-476376		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-285498, filed on 3 Aug 1994, now patented, Pat. No. US 5703206 which is a continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971,		

filed on 1 Sep 1989, now abandoned which is a
continuation-in-part of Ser. No. US 1988-240078, filed
on 2 Sep 1988, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Mertz, Prema
LEGAL REPRESENTATIVE: Klauber & Jackson
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)
LINE COUNT: 1946
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 20 USPATFULL

ACCESSION NUMBER: 2000:80415 USPATFULL
TITLE: Diagnostic assays for MIF
INVENTOR(S): Bucala, Richard J., New York, NY, United States
Mitchell, Robert A., New York, NY, United States
Bernhagen, Jurgen, New York, NY, United States
Calandra, Thierry F., New York, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
PATENT ASSIGNEE(S): The Picower Institute for Medical Research, Manhasset,
NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6080407		20000627
APPLICATION INFO.:	US 1995-471586		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-462350, filed on 5 Jun 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-243342, filed on 16 May 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-63399, filed on 17 May 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Christina Y.		
ASSISTANT EXAMINER:	Nolan, Patrick		
LEGAL REPRESENTATIVE:	Oster, Jeffrey B.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 22 Drawing Page(s)		
LINE COUNT:	3585		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 4 OF 20 USPATFULL

ACCESSION NUMBER: 2000:61580 USPATFULL
TITLE: Method for using lipoprotein associated coagulation inhibitor to treat sepsis
INVENTOR(S): Creasey, Abba A., Piedmont, CA, United States
Broze, George J., Ladue, MO, United States
PATENT ASSIGNEE(S): Washington University & Chiron Corp., United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6063764		20000516
APPLICATION INFO.:	US 1995-472761		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-224118, filed on 29 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-20427, filed on 22 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-897135, filed on 11 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-253427, filed on 2 Jun 1994, now abandoned which is a		

continuation of Ser. No. US 1993-4505, filed on 13 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-270455, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia
ASSISTANT EXAMINER: Delacroix-Muirheid, C.
LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 45
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 2568
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 20 USPATFULL

ACCESSION NUMBER: 2000:24289 USPATFULL
TITLE: Combination method for treating diseases caused by cytokine-mediated toxicity
INVENTOR(S): Bucala, Richard J., New York, NY, United States
Mitchell, Robert A., New York, NY, United States
Bernhagen, Jurgen, New York, NY, United States
Calandra, Thierry F., New York, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
PATENT ASSIGNEE(S): The Picower Institute for Medical Research, Manhasset, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6030615		20000229
APPLICATION INFO.:	US 1995-471546		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-462350, filed on 5 Jun 1995 which is a continuation-in-part of Ser. No. US 1994-243342, filed on 16 May 1994 which is a continuation-in-part of Ser. No. US 1993-63399, filed on 17 May 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hutzell, Paula K.		
ASSISTANT EXAMINER:	Bansal, Geetha P.		
LEGAL REPRESENTATIVE:	Tremaine, Davis Wright		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	28 Drawing Figure(s); 22 Drawing Page(s)		
LINE COUNT:	3534		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 6 OF 20 USPATFULL

ACCESSION NUMBER: 1999:159997 USPATFULL
TITLE: Compounds that bind bacterial pili
INVENTOR(S): Shekhani, Mohammed Saleh, Madison, WI, United States
Firca, Joseph R., Vernon Hills, IL, United States
Anderson, Byron, Morton Grove, IL, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5998381		19991207
APPLICATION INFO.:	US 1996-760903		19961206 (8)
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted
PRIMARY EXAMINER: Peselev, Elli
LEGAL REPRESENTATIVE: Medlen & Carroll, LLP
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 5
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 25 Drawing Page(s)
LINE COUNT: 6570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 20 USPATFULL

ACCESSION NUMBER: 1999:84975 USPATFULL
TITLE: Compositions for neutralization of lipopolysaccharides
INVENTOR(S): Wright, Samuel D., Westfield, NJ, United States
Wurfel, Mark M., New York, NY, United States
Hailman, Peter Eric, New York, NY, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5928624		19990727
	WO 9534289		19951221
APPLICATION INFO.:	US 1996-750697		19961216 (8)
	WO 1995-US7903		19950607
			19961216 PCT 371 date
			19961216 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-337611, filed on 10 Nov 1994 which is a continuation-in-part of Ser. No. US 1994-259957, filed on 14 Jun 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	33 Drawing Figure(s); 32 Drawing Page(s)		
LINE COUNT:	2562		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 8 OF 20 USPATFULL

ACCESSION NUMBER: 1999:21920 USPATFULL
TITLE: Acute phase protein modulating endotoxic activity of lipopolysaccharides, assay methods and polypeptides
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5871937		19990216
APPLICATION INFO.:	US 1997-990849		19971215 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-240328, filed on 10 May 1994, now patented, Pat. No. US 5698680, issued on 16 Dec 1997 which is a division of Ser. No. US 1992-847562, filed on 2 Mar 1992, now patented, Pat. No. US 5310879, issued on 10 May 1994 which is a continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned		
DOCUMENT TYPE:	Utility		

FILE SEGMENT: Granted
PRIMARY EXAMINER: Eisenschenk, Frank C.
LEGAL REPRESENTATIVE: Fish & Richardson P.C.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 18 Drawing Page(s)
LINE COUNT: 2429
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 20 USPATFULL

ACCESSION NUMBER: 1999:4392 USPATFULL
TITLE: Monoclonal antibody against LPS core
INVENTOR(S): Gram, Hermann, Weil-Haltingen, Germany, Federal Republic of
Di Padova, Franco, Birsfelden, Switzerland
Barclay, George Robin, Midlothian, United Kingdom
Poxton, Ian Raymond, Midlothian, United Kingdom
PATENT ASSIGNEE(S): Common Services Agency, United States (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5858728		19990112
APPLICATION INFO.:	US 1996-647144		19960509 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-119046, filed on 30 Sep 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1991-5292	19910313
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Loring, Susan A.	
LEGAL REPRESENTATIVE:	Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	2426	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 20 USPATFULL

ACCESSION NUMBER: 1998:144206 USPATFULL
TITLE: Polypeptides of lipopolysaccharide binding protein
INVENTOR(S): Han, Jiahuai, La Jolla, CA, United States
Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., San Diego, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5837810		19981117
APPLICATION INFO.:	US 1994-215089		19940315 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hutzell, Paula K.		
ASSISTANT EXAMINER:	Johnson, Nancy A.		
LEGAL REPRESENTATIVE:	Fish & Richardson, P.C.		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	1162		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 20 USPATFULL

ACCESSION NUMBER: 1998:25220 USPATFULL
TITLE: Malaria treatments
INVENTOR(S): Playfair, John Hugh Lyon, London, United Kingdom
Taverne, Janice, London, United Kingdom
Bate, Clive Alan Winston, Oxford, United Kingdom
PATENT ASSIGNEE(S): British Technology Group Limited, London, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5726166		19980310
	WO 9315761		19930819
APPLICATION INFO.:	US 1994-290706		19941205 (8)
	WO 1993-GB84		19930115
			19941205 PCT 371 date
			19941205 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1992-3039	19920213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Travers, Russell	
LEGAL REPRESENTATIVE:	Nixon & Vanderhye P.C.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 12 Drawing Page(s)	
LINE COUNT:	1848	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 20 USPATFULL

ACCESSION NUMBER: 1998:14917 USPATFULL
TITLE: Macrophage-derived inflammatory mediator (MIP-2)
INVENTOR(S): Wolpe, Stephen D., Arlington, MA, United States
Cerami, Anthony, Shelter Island, NY, United States
Sherry, Barbara, New York, NY, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5717074		19980210
APPLICATION INFO.:	US 1995-480085		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-285498, filed on 3 Aug 1994 which is a continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971, filed on 1 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-240078, filed on 2 Sep 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Saunders, David		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1712		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 20 USPATFULL

ACCESSION NUMBER: 97:123340 USPATFULL
TITLE: Macrophage inflammatory protein 2 (MIP-2)
INVENTOR(S): Wolpe, Stephen D., 88 Lake St., Arlington, MA, United States 02174
Cerami, Anthony, Ram Island Dr., Shelter Island, NY, United States 11964
Sherry, Barbara, 325 E. 84th St., New York, NY, United States 10021

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5703206		19971230
APPLICATION INFO.:	US 1994-285498		19940803 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-105105, filed on 10 Aug 1993, now abandoned which is a continuation of Ser. No. US 1992-914045, filed on 13 Jul 1992, now abandoned which is a continuation of Ser. No. US 1989-399971, filed on 1 Sep 1989, now abandoned which is a continuation-in-part of Ser. No. US 1988-240078, filed on 2 Sep 1988, now abandoned which is a continuation-in-part of Ser. No. US 1987-104827, filed on 2 Oct 1987, now abandoned which is a continuation-in-part of Ser. No. US 1985-766852, filed on 16 Aug 1985, now abandoned which is a continuation-in-part of Ser. No. US 1982-414098, filed on 7 Sep 1982, now patented, Pat. No. US 4603106 which is a continuation-in-part of Ser. No. US 1982-351290, filed on 22 Feb 1982, now abandoned which is a continuation-in-part of Ser. No. US 1981-299932, filed on 8 Sep 1981, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ulm, John		
ASSISTANT EXAMINER:	Mertz, Prema		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1799		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 14 OF 20 USPATFULL

ACCESSION NUMBER: 97:118166 USPATFULL
TITLE: Antibodies specific for lipopolysaccharide binding protein
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5698680		19971216
APPLICATION INFO.:	US 1994-240328		19940510 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-847562, filed on 2 Mar 1992, now patented, Pat. No. US 5310879, issued on 10 May 1994 which is a continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Eisenschenk, Frank C.		

LEGAL REPRESENTATIVE: Fish & Richardson P.C.
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 18 Drawing Page(s)
LINE COUNT: 2399
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 20 USPATFULL

ACCESSION NUMBER: 96:72966 USPATFULL
TITLE: Conjugates for the prevention and treatment of sepsis
INVENTOR(S): Carroll, Sean B., Cottage Grove, WI, United States
Firca, Joseph R., Vernon Hills, IL, United States
Pugh, Charles, Madison, WI, United States
Padhye, Nisha V., Madison, WI, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5545721		19960813
APPLICATION INFO.:	US 1993-169701		19931217 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-995388, filed on 21 Dec 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Christina Y.		
ASSISTANT EXAMINER:	Eisenschenk, Frank C.		
LEGAL REPRESENTATIVE:	Medlen & Carroll		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	4769		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 20 USPATFULL

ACCESSION NUMBER: 94:40198 USPATFULL
TITLE: Antibodies which immunoreact with lapine lipopolysaccharide binding protein (LBP)
INVENTOR(S): Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., Encinitas, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5310879		19940510
APPLICATION INFO.:	US 1992-847562		19920302 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-367454, filed on 16 Jun 1989, now patented, Pat. No. US 5245013 which is a continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lacey, David L.		
ASSISTANT EXAMINER:	Eisenschenk, F. C.		
LEGAL REPRESENTATIVE:	Wetherell, Jr., J. R.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	32 Drawing Figure(s); 18 Drawing Page(s)		
LINE COUNT:	2361		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 20 USPATFULL

ACCESSION NUMBER: 93:76631 USPATFULL

TITLE: Acute phase protein modulating endotoxic activity of lipopolysaccharides, assay methods and polypeptides
INVENTOR(S): Ulevitch, Richard, 1127 La Cuchara, Del Mar, CA, United States 92014
Tobias, Peter, 564 Arden Dr., Encinitas, CA, United States 92024

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5245013		19930914
APPLICATION INFO.:	US 1989-367454		19890616 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1986-6710, filed on 30 Dec 1986, now abandoned which is a continuation-in-part of Ser. No. US 1985-728833, filed on 30 Apr 1985, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Walsh, Stephen		
LEGAL REPRESENTATIVE:	Bingham, Douglas A.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	32 Drawing Figure(s); 18 Drawing Page(s)		
LINE COUNT:	2243		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 20 USPATFULL

ACCESSION NUMBER: 92:89050 USPATFULL

TITLE: Method of stimulating the immune systems of animals and compositions useful therefor
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5158939		19921027
APPLICATION INFO.:	US 1990-522446		19900511 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1990-467449, filed on 19 Jan 1990, now patented, Pat. No. US 5041427		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Brown, Johnnie R.		
ASSISTANT EXAMINER:	White, Everett		
LEGAL REPRESENTATIVE:	Quarles & Brady		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1426		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 20 USPATFULL

ACCESSION NUMBER: 91:66780 USPATFULL

TITLE: Lipid A derivatives
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 5041427	19910820
APPLICATION INFO.:	US 1990-467449	19900119 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989	
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Griffin, Ronald W.	
ASSISTANT EXAMINER:	White, Everett	
LEGAL REPRESENTATIVE:	Quarles & Brady	
NUMBER OF CLAIMS:	3	
EXEMPLARY CLAIM:	1	
LINE COUNT:	932	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 20 USPATFULL

ACCESSION NUMBER: 89:43140 USPATFULL

TITLE: Monoclonal antibodies to pseudomonas aeruginosa flagella

INVENTOR(S): Rosok, Mae J., Seattle, WA, United States
 Lostrom, Mark E., Redmond, WA, United States

PATENT ASSIGNEE(S): Genetic Systems Corporation, Seattle, WA, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4834976		19890530
APPLICATION INFO.:	US 1986-946554		19861224 (6)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1986-881984, filed on 3 Jul 1986		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Warden, Robert J.		
ASSISTANT EXAMINER:	Wagner, Richard		
LEGAL REPRESENTATIVE:	Townsend and Townsend		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1574		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

ANSWER 1 OF 47 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:442019 CAPLUS

DOCUMENT NUMBER: 133:55309

TITLE: Diagnosis and therapy of **sepsis** using the
LPS-binding moiety of **alkaline
phosphatase** and a method of purification of
alkaline phosphatase using LPS

INVENTOR(S): Poelstra, Klaas; Meijer, Dirk Klaas Fokke; Man In 't
Veld, Arie Jacob

PATENT ASSIGNEE(S): Stichting Voor De Technische Wetenschappen, Neth.;
Rijksuniversiteit Groningen

SOURCE: PCT Int. Appl., 21 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037943	A1	20000629	WO 1998-NL722	19981221
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9917869	A1	20000712	AU 1999-17869	19981221
EP 1141717	A1	20011010	EP 1998-962694	19981221
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

PRIORITY APPLN. INFO.: WO 1998-NL722 A 19981221

REFERENCE COUNT: 3

REFERENCE(S): (1) Anon; 1997 CAPLUS
(2) Poelstra, K; LABORATORY INVESTIGATION 1997, V76(3), P319 CAPLUS
(3) Rijksuniversiteit Te Groningen; WO 9505455 A 1995, 23, CAPLUS

L5 ANSWER 2 OF 47 USPATFULL

ACCESSION NUMBER: 2001:160802 USPATFULL

TITLE: Interleukins-21 and 22

INVENTOR(S): Ebner, Reinhard, Gaithersburg, MD, United States
Ruben, Steven M., Olney, MD, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001023070	A1	20010920
APPLICATION INFO.:	US 2000-731816	A1	20001208 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-320713, filed on 27 May 1999, PENDING Continuation-in-part of Ser. No. WO 1999-US11644, filed on 27 May 1999, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-87340	19980529 (60)
	US 1999-131965	19990430 (60)
	US 1999-169837	19991209 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 7740
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 47 USPATFULL

ACCESSION NUMBER: 2001:153105 USPATFULL
TITLE: Collagen binding protein compositions and methods of use
INVENTOR(S): Hook, Magnus, Houston, TX, United States
Patti, Joseph M., Missouri City, TX, United States
House-Pompeo, Karen, Valdosta, GA, United States
Sthanam, Narayana, Vestavia, AL, United States
Symersky, Jindrich, Birmingham, AL, United States
PATENT ASSIGNEE(S): Texas A&M University Systems, College Station, TX,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6288214	B1	20010911
APPLICATION INFO.:	US 1997-856253		19970514 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-17678	19960516 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Minnifield, Nita	
LEGAL REPRESENTATIVE:	Howrey Simon Arnold & White, LLP	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 12 Drawing Page(s)	
LINE COUNT:	4408	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 47 USPATFULL

ACCESSION NUMBER: 2001:86039 USPATFULL
TITLE: Choline binding proteins for anti-pneumococcal vaccines
INVENTOR(S): Masure, H. Robert, Germantown, TN, United States
Rosenow, Carsten I., New York, NY, United States
Tuomanen, Elaine, Germantown, TN, United States
Wizemann, Theresa M., Germantown, MD, United States
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6245335	B1	20010612
APPLICATION INFO.:	US 1997-847065		19970501 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-16632	19960501 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Mosher, Mary E.	
LEGAL REPRESENTATIVE:	Klauber & Jackson	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	25 Drawing Figure(s); 18 Drawing Page(s)	
LINE COUNT:	2933	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 47 USPATFULL

ACCESSION NUMBER: 2001:47779 USPATFULL
TITLE: Tumor necrosis factor stimulated gene 6 (TSG-6) binding molecules
INVENTOR(S): Lee, Tae Ho, Seoul, Korea, Republic of
Wisniewski, Hans-Georg, New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6210905	B1	20010403
APPLICATION INFO.:	US 1998-206695		19981207 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-242097, filed on 13 May 1994, now patented, Pat. No. US 5846763 Continuation-in-part of Ser. No. US 1993-24868, filed on 1 Mar 1993, now patented, Pat. No. US 5386213 Continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kemmerer, Elizabeth		
LEGAL REPRESENTATIVE:	Browdy and Neimark		
NUMBER OF CLAIMS:	5		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	48 Drawing Figure(s); 28 Drawing Page(s)		
LINE COUNT:	3642		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 6 OF 47 USPATFULL

ACCESSION NUMBER: 2000:146598 USPATFULL
TITLE: Production of recombinant polypeptides by bovine species and transgenic methods
INVENTOR(S): Deboer, Herman A., Roelofarendsyeen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang He, Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands
PATENT ASSIGNEE(S): Pharming B.V., Leiden, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6140552		20001031
APPLICATION INFO.:	US 1995-476798		19950607 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hauda, Karen M.		
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew		
NUMBER OF CLAIMS:	7		

EXEMPLARY CLAIM: 1,7
NUMBER OF DRAWINGS: 50 Drawing Figure(s); 41 Drawing Page(s)
LINE COUNT: 4124
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 47 USPATFULL

ACCESSION NUMBER: 2000:117277 USPATFULL
TITLE: Pharmaceutical compositions containing ecotin and homologs thereof
INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
Ulmer, Jana Seymour, San Rafael, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6113896		20000905
APPLICATION INFO.:	US 1994-319501		19941004. (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lau, Kawai		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	2208		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 47 USPATFULL

ACCESSION NUMBER: 2000:80408 USPATFULL
TITLE: Compositions for the prevention and treatment of verotoxin-induced disease
INVENTOR(S): Williams, James A., Lincoln, NE, United States
Byrne, Lisa Marie, Stoughton, WI, United States
PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Wisconsin, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6080400		20000627
APPLICATION INFO.:	US 1997-816977		19970313 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-410058, filed on 24 Mar 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Devi, S.		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	5468		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 47 USPATFULL

ACCESSION NUMBER: 2000:64950 USPATFULL
TITLE: Production of recombinant polypeptides by bovine species and transgenic methods
INVENTOR(S): DeBoer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States

PATENT ASSIGNEE(S): Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang He, Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands
Pharming B.V., Leiden, Netherlands (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6066725		20000523
APPLICATION INFO.:	US 1998-158313		19980921 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-476798, filed on 7 Jun 1995 which is a continuation of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	LeGuyader, John L.		
ASSISTANT EXAMINER:	Kerr, Janet M.		
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew LLP		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	42 Drawing Figure(s); 41 Drawing Page(s)		
LINE COUNT:	4072		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 10 OF 47 USPATFULL
ACCESSION NUMBER: 2000:61580 USPATFULL
TITLE: Method for using lipoprotein associated coagulation inhibitor to treat **sepsis**
INVENTOR(S): Creasey, Abba A., Piedmont, CA, United States
Broze, George J., Ladue, MO, United States
PATENT ASSIGNEE(S): Washington University & Chiron Corp., United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6063764		20000516
APPLICATION INFO.:	US 1995-472761		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-224118, filed on 29 Mar 1994, now abandoned which is a continuation of Ser. No. US 1993-20427, filed on 22 Feb 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-897135, filed on 11 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-253427, filed on 2 Jun 1994, now abandoned which is a continuation of Ser. No. US 1993-4505, filed on 13 Jan 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned And a continuation-in-part of Ser. No. US 1994-270455, filed on 5 Jul 1994, now abandoned which is a continuation of Ser. No. US 1992-891947, filed on 1 Jun 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Tsang, Cecilia		
ASSISTANT EXAMINER:	Delacroix-Muirheid, C.		

LEGAL REPRESENTATIVE: Banner & Witcoff, Ltd.
NUMBER OF CLAIMS: 45
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 14 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 2568
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 47 USPATFULL

ACCESSION NUMBER: 2000:18243 USPATFULL
TITLE: Neurturin receptor
INVENTOR(S): Klein, Robert D., Palo Alto, CA, United States
Rosenthal, Arnon, Burlingame, CA, United States
Hynes, Mary A., San Mateo, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6025157		20000215
APPLICATION INFO.:	US 1997-957063		19971024 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-38839	19970218 (60)
	US 1997-49818	19970609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Campbell, Bruce R.	
ASSISTANT EXAMINER:	Chen, Shin-Lin	
LEGAL REPRESENTATIVE:	Knobbe, Martens Olson & Bear, LLP	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 23 Drawing Page(s)	
LINE COUNT:	5116	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 47 USPATFULL

ACCESSION NUMBER: 2000:12617 USPATFULL
TITLE: H. influenzae HxuB and HxuC genes, proteins and methods of use
INVENTOR(S): Hansen, Eric J., Plano, TX, United States
Cope, Leslie D., Mesquite, TX, United States
Jarosik, Gregory P., Arlington, TX, United States
Hanson, Mark S., Columbia, MD, United States
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6020154		20000201
APPLICATION INFO.:	US 1995-425843		19950420 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Srivastava, Devesh		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	77		
EXEMPLARY CLAIM:	20		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 6 Drawing Page(s)		
LINE COUNT:	4068		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 47 USPATFULL

ACCESSION NUMBER: 2000:5018 USPATFULL
TITLE: Transgenic bovines and milk from transgenic bovines

INVENTOR(S): Deboer, Herman A., Roelofarendsveen, Netherlands
 Strijker, Rein, Oegstgeest, Netherlands
 Heyneker, Herbert L., Hillsborough, CA, United States
 Platenburg, Gerard, Voorschoten, Netherlands
 Lee, Sang He, Leiden, Netherlands
 Pieper, Frank, Utrecht, Netherlands
 Krimpenfort, Paul J. A., Heemstede, Netherlands
 PATENT ASSIGNEE(S): Pharming B.V., Ca Leiden, Netherlands (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6013857		20000111
APPLICATION INFO.:	US 1995-464167		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993 which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992 which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990 which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Crouch, Deborah		
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	16		
NUMBER OF DRAWINGS:	27 Drawing Figure(s); 41 Drawing Page(s)		
LINE COUNT:	4475		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 14 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:163833 USPATFULL
 TITLE: Human tissue factor related DNA segments polypeptides and antibodies
 INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
 Morrissey, James H., Oklahoma City, OK, United States
 PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6001978		19991214
APPLICATION INFO.:	US 1997-844806		19970422 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-880079, filed on 29 Apr 1992, now patented, Pat. No. US 5622931 which is a division of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Budens, Robert D.		
LEGAL REPRESENTATIVE:	Fitting, Thomas, Holmes, Emily		
NUMBER OF CLAIMS:	40		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 15 Drawing Page(s)		
LINE COUNT:	3241		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 15 OF 47 USPATFULL

ACCESSION NUMBER: 1999:159997 USPATFULL
 TITLE: Compounds that bind bacterial pili
 INVENTOR(S): Shekhani, Mohammed Saleh, Madison, WI, United States
 Firca, Joseph R., Vernon Hills, IL, United States
 Anderson, Byron, Morton Grove, IL, United States
 PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5998381		19991207
APPLICATION INFO.:	US 1996-760903		19961206 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Peselev, Elli		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	5		
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 25 Drawing Page(s)		
LINE COUNT:	6570		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 16 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:136941 USPATFULL
 TITLE: Regulation of exoprotein in staphylococcus aureus
 INVENTOR(S): Cheung, Ambrose, New York, NY, United States
 Fischetti, Vincent A., West Hempstead, NY, United States
 PATENT ASSIGNEE(S): Siga Pharmaceuticals, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5976792		19991102
APPLICATION INFO.:	US 1996-676782		19960708 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-248505, filed on 24 May 1994, now patented, Pat. No. US 5587288		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Zitomer, Stephanie		
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	1680		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:84975 USPATFULL
 TITLE: Compositions for neutralization of lipopolysaccharides
 INVENTOR(S): Wright, Samuel D., Westfield, NJ, United States
 Wurfel, Mark M., New York, NY, United States
 Hailman, Peter Eric, New York, NY, United States
 PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5928624		19990727
	WO 9534289		19951221
APPLICATION INFO.:	US 1996-750697		19961216 (8)
	WO 1995-US7903		19950607
			19961216 PCT 371 date
			19961216 PCT 102(e) date

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-337611, filed on 10 Nov 1994 which is a continuation-in-part of Ser. No. US 1994-259957, filed on 14 Jun 1994, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Kishore, Gollamudi S.
 LEGAL REPRESENTATIVE: Klauber & Jackson
 NUMBER OF CLAIMS: 12
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 33 Drawing Figure(s); 32 Drawing Page(s)
 LINE COUNT: 2562
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 18 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:75497 USPATFULL
 TITLE: Streptococcus suis adhesin protein and method for producing it
 INVENTOR(S): Tikkanen, Kaarina, Maaherrankatu 35 as 9 FIN-70100, Kuopio, Finland
 Finne, Jukka, Katajanokanranta 3 A 5 FIN-00160, Helsinki, Finland

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5919640		19990706
APPLICATION INFO.:	US 1997-889013		19970707 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 500895		

	NUMBER	DATE
PRIORITY INFORMATION:	FI 1993-413	19930129
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Housel, James C.	
ASSISTANT EXAMINER:	Portner, Ginny Allen	
LEGAL REPRESENTATIVE:	Nixon & Vanderhye	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	1038	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L5 ANSWER 19 OF 47 USPATFULL
 ACCESSION NUMBER: 1999:30937 USPATFULL
 TITLE: Factor VIIa inhibitors from Kunitz domain proteins
 INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
 Lazarus, Robert A., Milbrae, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5880256		19990309
APPLICATION INFO.:	US 1995-399115		19950303 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jacobson, Dian C.		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	67		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2832		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 20 OF 47 USPATFULL

ACCESSION NUMBER: 1999:24463 USPATFULL
TITLE: Mutant protein and methods and materials for making and using it
INVENTOR(S): Potempa, Lawrence A., Deerfield, IL, United States
Liao, Hans H., Oakville, Canada
Crump, Becky L., Evanston, IL, United States
PATENT ASSIGNEE(S): Immtech International Inc., Evanston, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5874238		19990223
APPLICATION INFO.:	US 1995-480270		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-296545, filed on 26 Aug 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-23952, filed on 26 Feb 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Patterson, Jr., Charles L.		
LEGAL REPRESENTATIVE:	Brinks Hofer Gilson & Lione		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	33 Drawing Figure(s); 24 Drawing Page(s)		
LINE COUNT:	2937		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 21 OF 47 USPATFULL

ACCESSION NUMBER: 1999:12902 USPATFULL
TITLE: Factor VIIa inhibitors from kunitz domain proteins
INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5863893		19990126
APPLICATION INFO.:	US 1995-398628		19950303 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jacobson, Dian C.		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2603		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 22 OF 47 USPATFULL

ACCESSION NUMBER: 1999:4392 USPATFULL
TITLE: Monoclonal antibody against LPS core
INVENTOR(S): Gram, Hermann, Weil-Haltingen, Germany, Federal Republic of
Di Padova, Franco, Birsfelden, Switzerland
Barclay, George Robin, Midlothian, United Kingdom
Poxton, Ian Raymond, Midlothian, United Kingdom
PATENT ASSIGNEE(S): Common Services Agency, United States (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5858728		19990112
APPLICATION INFO.:	US 1996-647144		19960509 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-119046, filed on 30 Sep 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1991-5292	19910313
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Loring, Susan A.	
LEGAL REPRESENTATIVE:	Bell Seltzer Intellectual Property Law Group of Alston & Bird LLP	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	2426	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 47 USPATFULL
 ACCESSION NUMBER: 1998:154080 USPATFULL
 TITLE: DNA encoding tumor necrosis factor stimulated gene 6 (TSG-6)
 INVENTOR(S): Lee, Tae Ho, Daejeon, Korea, Republic of
 Wisniewski, Hans-Georg, New York, NY, United States
 Vilcek, Jan, New York, NY, United States
 PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5846763		19981208
APPLICATION INFO.:	US 1994-242097		19940513 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-24868, filed on 1 Mar 1993, now patented, Pat. No. US 5386013 which is a continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Draper, Garnette D.		
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.		
LEGAL REPRESENTATIVE:	Browdy and Neimark		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	2		
NUMBER OF DRAWINGS:	48 Drawing Figure(s); 28 Drawing Page(s)		
LINE COUNT:	3807		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 24 OF 47 USPATFULL
 ACCESSION NUMBER: 1998:150899 USPATFULL
 TITLE: Pharmaceutical administration of ecotin homologs
 INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
 Dennis, Mark S., San Carlos, CA, United States
 Ulmer, Jana Seymour, San Rafael, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5843895		19981201
APPLICATION INFO.:	US 1995-439005		19950511 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-319501, filed on 4 Oct 1994 which is a continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Wax, Robert A.

ASSISTANT EXAMINER: Lau, Kawai

LEGAL REPRESENTATIVE: Kubinec, Jeffrey S.

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Figure(s); 5 Drawing Page(s)

LINE COUNT: 2162

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 25 OF 47 USPATFULL

ACCESSION NUMBER: 1998:144206 USPATFULL

TITLE: Polypeptides of lipopolysaccharide binding protein

INVENTOR(S): Han, Jiahuai, La Jolla, CA, United States
Ulevitch, Richard J., Del Mar, CA, United States
Tobias, Peter S., San Diego, CA, United States

PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5837810		19981117
APPLICATION INFO.:	US 1994-215089		19940315 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hutzell, Paula K.		
ASSISTANT EXAMINER:	Johnson, Nancy A.		
LEGAL REPRESENTATIVE:	Fish & Richardson, P.C.		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	11 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	1162		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 26 OF 47 USPATFULL

ACCESSION NUMBER: 1998:138687 USPATFULL

TITLE: Factor VIIa inhibitors from Kunitz domain proteins

INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
Lazarus, Robert A., Millbrae, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5834244		19981110
APPLICATION INFO.:	US 1995-398010		19950303 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-206310, filed on 4 Mar 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jacobson, Dian C.		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2676		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 27 OF 47 USPATFULL

ACCESSION NUMBER: 1998:98974 USPATFULL

TITLE: Factor VIIa inhibitors from Kunitz domain proteins
 INVENTOR(S): Lazarus, Robert A., Milbrae, CA, United States
 Dennis, Mark S., San Carlos, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5795954		19980818
APPLICATION INFO.:	US 1994-206310		19940304 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jacobson, Dian C.		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	2051		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 28 OF 47 USPATFULL
 ACCESSION NUMBER: 1998:88813 USPATFULL
 TITLE: Use of kunitz type plasma kallikrein inhibitors
 INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
 Lazarus, Robert A., Millbrae, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5786328		19980728
APPLICATION INFO.:	US 1995-463432		19950605 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Lau, Kawai		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	2457		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 29 OF 47 USPATFULL
 ACCESSION NUMBER: 1998:82566 USPATFULL
 TITLE: Kunitz type plasma kallikrein inhibitors
 INVENTOR(S): Dennis, Mark S., San Carlos, CA, United States
 Lazarus, Robert A., Millbrae, CA, United States
 PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5780265		19980714
APPLICATION INFO.:	US 1995-463155		19950605 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Lau, Kawai		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	2458		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 30 OF 47 USPATFULL

ACCESSION NUMBER: 1998:79327 USPATFULL

TITLE: Oligonucleotides comprising a region of a cytokine suppressive anti-inflammatory drug binding protein

INVENTOR(S): Lee, John C., Berwyn, PA, United States
Adams, Jerry L., Wayne, PA, United States
Gallagher, Timothy F., Harleysville, PA, United States
Green, David W., Bryn Mawr, PA, United States
Heys, John Richard, Malvern, PA, United States
McDonnell, Peter C., Elkins Park, PA, United States
McNulty, Dean E., Philadelphia, PA, United States
Young, Peter R., Lawrenceville, NJ, United States
Strickler, James E., Milton, MA, United States

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5777097		19980707
APPLICATION INFO.:	US 1995-469421		19950606 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-250975, filed on 31 May 1994 which is a continuation-in-part of Ser. No. US 1993-123175, filed on 17 Sep 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kemmerer, Elizabeth C.		
LEGAL REPRESENTATIVE:	King, William T., Lentz, Edward T.		
NUMBER OF CLAIMS:	1		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	30 Drawing Figure(s); 26 Drawing Page(s)		
LINE COUNT:	2062		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 31 OF 47 USPATFULL

ACCESSION NUMBER: 1998:72434 USPATFULL

TITLE: DNA encoding macrophage inflammatory protein-1.gamma.

INVENTOR(S): Beutler, Bruce A., Dallas, TX, United States
Poltorak, Alexander N., Dallas, TX, United States

PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5770402		19980623
APPLICATION INFO.:	US 1995-418032		19950405 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Ulm, John		
ASSISTANT EXAMINER:	Mertz, Prema		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	15 Drawing Figure(s); 13 Drawing Page(s)		
LINE COUNT:	2834		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 32 OF 47 USPATFULL

ACCESSION NUMBER: 1998:68524 USPATFULL

TITLE: Anti-inflammatory CD14 peptides

INVENTOR(S): Lichenstein, Henri S., Ventura, CA, United States
Wright, Samuel D., Larchmont, NY, United States
Narhi, Linda O., Camarillo, CA, United States

PATENT ASSIGNEE(S): Juan, Shao-Chieh, Moorpark, CA, United States
Amgen Inc., Thousand Oaks, CA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5766593		19980616
APPLICATION INFO.:	US 1994-366953		19941230 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Curry, Daniel R., Cook, Robert R., Odre, Steven M.		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 17 Drawing Page(s)		
LINE COUNT:	1857		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 33 OF 47 USPATFULL
ACCESSION NUMBER: 1998:42521 USPATFULL
TITLE: Transgenic bovine
INVENTOR(S): Deboer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang He, Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands
PATENT ASSIGNEE(S): Pharming B.V., Leiden, Netherlands (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5741957		19980421
APPLICATION INFO.:	US 1995-461333		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-154019, filed on 16 Nov 1993, now patented, Pat. No. US 5633076, issued on 22 May 1997 which is a continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Crouch, Deborah		
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew		
NUMBER OF CLAIMS:	36		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	50 Drawing Figure(s); 41 Drawing Page(s)		
LINE COUNT:	4058		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 34 OF 47 USPATFULL
ACCESSION NUMBER: 1998:25220 USPATFULL
TITLE: Malaria treatments
INVENTOR(S): Playfair, John Hugh Lyon, London, United Kingdom
Taverne, Janice, London, United Kingdom
Bate, Clive Alan Winston, Oxford, United Kingdom
PATENT ASSIGNEE(S): British Technology Group Limited, London, United Kingdom (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5726166		19980310
	WO 9315761		19930819
APPLICATION INFO.:	US 1994-290706		19941205 (8)
	WO 1993-GB84		19930115
			19941205 PCT 371 date
			19941205 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1992-3039	19920213
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Travers, Russell	
LEGAL REPRESENTATIVE:	Nixon & Vanderhye P.C.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Figure(s); 12 Drawing Page(s)	
LINE COUNT:	1848	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 35 OF 47 USPATFULL

ACCESSION NUMBER: 1998:17207 USPATFULL

TITLE: DNA encoding ecotin homologs

INVENTOR(S): Lazarus, Robert A., Millbrae, CA, United States
Dennis, Mark S., San Carlos, CA, United States
Ulmer, Jana Seymour, San Rafael, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5719041		19980217
APPLICATION INFO.:	US 1995-439534		19950511 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-319501, filed on 4 Oct 1994 which is a continuation of Ser. No. US 1993-121004, filed on 14 Sep 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Lau, Kawai		
LEGAL REPRESENTATIVE:	Kubinec, Jeffrey S.		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 5 Drawing Page(s)		
LINE COUNT:	2188		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 36 OF 47 USPATFULL

ACCESSION NUMBER: 1998:14645 USPATFULL

TITLE: Streptococcus suis adhesin protein and method for producing it

INVENTOR(S): Tikkanen, Kaarina, Maaherrankatu 35 as 9, FIN-70100 Kuopio, Finland
Finne, Jukka, Katajanokanranta 3 A 5, FIN-00160 Helsinki, Finland

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5716792		19980210
	WO 9417103		19940804
APPLICATION INFO.:	US 1995-500895		19950829 (8)
	WO 1994-FI39		19940128

19950829 PCT 371 date
19950829 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FI 1993-413	19930129
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Housel, James C.	
ASSISTANT EXAMINER:	Portner, Ginny Allen	
LEGAL REPRESENTATIVE:	Nixon & Vanderhye	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
LINE COUNT:	619	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 37 OF 47 USPATFULL

ACCESSION NUMBER: 97:44842 USPATFULL
TITLE: Method of producing a transgenic bovine or transgenic bovine embryo
INVENTOR(S): DeBoer, Herman A., Roelofarendsveen, Netherlands
Strijker, Rein, Oegstgeest, Netherlands
Heyneker, Herbert L., Hillsborough, CA, United States
Platenburg, Gerard, Voorschoten, Netherlands
Lee, Sang H., Leiden, Netherlands
Pieper, Frank, Utrecht, Netherlands
Krimpenfort, Paul J. A., Heemstede, Netherlands(4)
PATENT ASSIGNEE(S): Pharming BV, Lieden, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5633076		19970527
APPLICATION INFO.:	US 1993-154019		19931116 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-77788, filed on 15 Jun 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-898956, filed on 15 Jun 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-619131, filed on 27 Nov 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-444745, filed on 1 Dec 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Crouch, Deborah		
LEGAL REPRESENTATIVE:	Townsend and Townsend and Crew LLP		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	50 Drawing Figure(s); 41 Drawing Page(s)		
LINE COUNT:	4009		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 38 OF 47 USPATFULL

ACCESSION NUMBER: 97:33726 USPATFULL
TITLE: Human tissue factor related DNA segments, polypeptides and antibodies
INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Morrissey, James H., Oklahoma City, OK, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5622931		19970422
APPLICATION INFO.:	US 1992-880079		19920429 (7)

RELATED APPLN. INFO.: Division of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned

DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Wax, Robert A.
 ASSISTANT EXAMINER: Carlson, K. Cochrane
 LEGAL REPRESENTATIVE: Fitting, Thomas
 NUMBER OF CLAIMS: 2
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 22 Drawing Figure(s); 15 Drawing Page(s)
 LINE COUNT: 3119
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 39 OF 47 USPATFULL
 ACCESSION NUMBER: 96:85038 USPATFULL
 TITLE: Peptides representing epitopic sites for bacterial and viral meningitis causing agents and their CNS carrier and uses thereof

INVENTOR(S): Alstyne, Diane V., Vancouver, Canada
 Sharma, Lawrence R., Vancouver, Canada

PATENT ASSIGNEE(S): Insight Biotech, Inc., St. Michaels, Barbados (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5556757		19960917
APPLICATION INFO.:	US 1995-482847		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-127499, filed on 28 Sep 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Parr, Margaret		
ASSISTANT EXAMINER:	Loring, Susan A.		
LEGAL REPRESENTATIVE:	Foley & Lardner		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	2692		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 40 OF 47 USPATFULL
 ACCESSION NUMBER: 96:72966 USPATFULL
 TITLE: Conjugates for the prevention and treatment of **sepsis**

INVENTOR(S): Carroll, Sean B., Cottage Grove, WI, United States
 Firca, Joseph R., Vernon Hills, IL, United States
 Pugh, Charles, Madison, WI, United States
 Padhye, Nisha V., Madison, WI, United States

PATENT ASSIGNEE(S): Ophidian Pharmaceuticals, Inc., Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5545721		19960813
APPLICATION INFO.:	US 1993-169701		19931217 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-995388, filed on 21 Dec 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Christina Y.		

ASSISTANT EXAMINER: Eisenschenk, Frank C.
LEGAL REPRESENTATIVE: Medlen & Carroll
NUMBER OF CLAIMS: 30
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 17 Drawing Figure(s); 16 Drawing Page(s)
LINE COUNT: 4769
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 41 OF 47 USPATFULL
ACCESSION NUMBER: 96:34042 USPATFULL
TITLE: Antibodies which bind meningitis related homologous
antigenic sequences
INVENTOR(S): Van Alstyne, Diane, Vancouver, Canada
Sharma, Lawrence R., Vancouver, Canada
PATENT ASSIGNEE(S): Insight Biotech Inc., St. Michael, Barbados (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5510264		19960423
APPLICATION INFO.:	US 1993-127499		19930928 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Parr, Margaret		
ASSISTANT EXAMINER:	Loring, Susan A.		
LEGAL REPRESENTATIVE:	Foley & Lardner		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	2721		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 42 OF 47 USPATFULL
ACCESSION NUMBER: 95:69093 USPATFULL
TITLE: Method of inhibiting blood coagulation in
extracorporeal circulation by inhibiting human tissue
factor
INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Colman, Robert W., Moylan, PA, United States
Kappelmayer, Janos, Debrecen, Hungary
Edmunds, Jr., L. Henry, Bryn Mawr, PA, United States
Bernabei, Alvise, Philadelphia, PA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United
States (U.S. corporation)
Trustees of the University of Pennsylvania,
Phialdelphia, PA, United States (U.S. corporation)
Temple University - Of the Commonwealth Systems of
Higher Education, Phialdelphia, PA, United States (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5437864		19950801
APPLICATION INFO.:	US 1992-977281		19921116 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1988-165939, filed on 9 Mar 1988, now patented, Pat. No. US 5223427 which is a continuation-in-part of Ser. No. US 1987-67103, filed on 25 Jun 1987, now patented, Pat. No. US 5110730 which is a continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Nucker, Christine M.		
ASSISTANT EXAMINER:	Cunningham, T.		

LEGAL REPRESENTATIVE: Spensley Horn Jubas & Lubitz
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 31 Drawing Figure(s); 23 Drawing Page(s)
LINE COUNT: 3505
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 43 OF 47 USPATFULL

ACCESSION NUMBER: 95:54452 USPATFULL
TITLE: DNA encoding cytokine-induced protein, TSG-14
INVENTOR(S): Lee, Tae H., Cambridge, MA, United States
Lee, Gene W., New York, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5426181		19950620
APPLICATION INFO.:	US 1992-929580		19920814 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-640492, filed on 14 Jan 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Draper, Garnette D.		
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.		
LEGAL REPRESENTATIVE:	Browdy and Neimark		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	36 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	3175		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 44 OF 47 USPATFULL

ACCESSION NUMBER: 95:9803 USPATFULL
TITLE: Tumor necrosis factor-induced protein TSG-6
INVENTOR(S): Lee, Tae H., Piscataway, NJ, United States
Wisniewski, Hans-Georg, Spring Valley, NY, United States
Vilcek, Jan, New York, NY, United States
PATENT ASSIGNEE(S): New York University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5386013		19950131
APPLICATION INFO.:	US 1993-24868		19930301 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-642312, filed on 14 Jan 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Draper, Garnette D.		
ASSISTANT EXAMINER:	Kemmerer, Elizabeth C.		
LEGAL REPRESENTATIVE:	Browdy and Neimark		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	50 Drawing Figure(s); 20 Drawing Page(s)		
LINE COUNT:	2952		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 45 OF 47 USPATFULL

ACCESSION NUMBER: 93:52505 USPATFULL
TITLE: Hybridomas producing monoclonal antibodies reactive with human tissue-factor glycoprotein heavy chain

INVENTOR(S): Edgington, Thomas S., La Jolla, CA, United States
Morrissey, James H., San Diego, CA, United States
PATENT ASSIGNEE(S): The Scripps Research Institute, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5223427		19930629
APPLICATION INFO.:	US 1988-165939		19880309 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1987-33047, filed on 31 Mar 1987 And Ser. No. US 1987-67103, filed on 25 Jun 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Nucker, Christine		
ASSISTANT EXAMINER:	Cunningham, T.		
LEGAL REPRESENTATIVE:	Bingham, Douglas A.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 19 Drawing Page(s)		
LINE COUNT:	3075		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 46 OF 47 USPATFULL

ACCESSION NUMBER: 92:89050 USPATFULL
TITLE: Method of stimulating the immune systems of animals and compositions useful therefor
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5158939		19921027
APPLICATION INFO.:	US 1990-522446		19900511 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1990-467449, filed on 19 Jan 1990, now patented, Pat. No. US 5041427		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Brown, Johnnie R.		
ASSISTANT EXAMINER:	White, Everett		
LEGAL REPRESENTATIVE:	Quarles & Brady		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1426		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L5 ANSWER 47 OF 47 USPATFULL

ACCESSION NUMBER: 91:66780 USPATFULL
TITLE: Lipid A derivatives
INVENTOR(S): Takayama, Kuni K., Madison, WI, United States
Qureshi, Nilofer, Madison, WI, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5041427		19910820
APPLICATION INFO.:	US 1990-467449		19900119 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1989-383832, filed on 21 Jul 1989		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Griffin, Ronald W.
ASSISTANT EXAMINER: White, Everett
LEGAL REPRESENTATIVE: Quarles & Brady
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
LINE COUNT: 932
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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